



UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION III
799 ROOSEVELT ROAD
GLEN ELLYN, ILLINOIS 60137

December 2, 1980

Attn: -
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Redman
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Reagan

MEMORANDUM FOR: E. L. Jordan, Deputy Director - Division of Resident and
Regional Reactor Inspection

FROM: James G. Keppler, Director - Region III

SUBJECT: PIPING INTERFERENCE ANALYSIS (A/I H07002116)

In your memorandum dated August 29, 1980, you requested the region to select a cooperative licensee to participate in an effort involving computerized interference elimination on piping analyses. Since early September, we have been discussing this matter with a number of licensees in Region III, with the same result from each namely, the requirements that have been established since Three Mile Island have created a workload such that manpower is just not available to provide the necessary input to this request.

This matter was discussed with Mr. Woodruff of your staff, by Mr. Heishman of my staff, and it was agreed that we would not pursue this matter further.

I would be happy to discuss this matter with you further, if you so desire.

James G. Keppler
James G. Keppler
Director

cc: R. W. Woodruff, IE
H. J. Wong, IE

A-29

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PDR FOIA
HERRMAN85-301 PDR

TELECON: Ed Moskel, Bechtel/Giburg, 2/4/81
258-3163

1. SNUPPS and all future nuclear plants are being modelled at $\frac{3}{4}" = 1'$. Modelling piping, valve operators, valves, conduits components, etc down to $\frac{1}{2}"$ tubing with an actual tolerance of $\pm \frac{1}{16}"$. Model makers and piping designers work together in same group. Model is used in generating isometrics. Cost to date for SNUPPS (mat'l & labor) is 4×10^8 . Used a checker to verify. Also used a computer service org to check model from drawings & concluded that the model is accurate (Did not use CIE). Taking scaled photographs.
2. Previously used composite piping drawings. These are 2D section drawing which are fully dimensioned and include various systems. In preparing them designer reviews civil/structural, HVAC, electrical, equipment etc drawings for interferences. Work checked by checker.

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